



## **NORTH CAROLINA**

Department of Transportation



# **Matthews Area Project Update Meeting**

Widening of East John Street-Old Monroe Road

NCDOT STIP Project No. U-4714

Scott Cole, PE, Division 10 NCDOT

Deputy Division Engineer

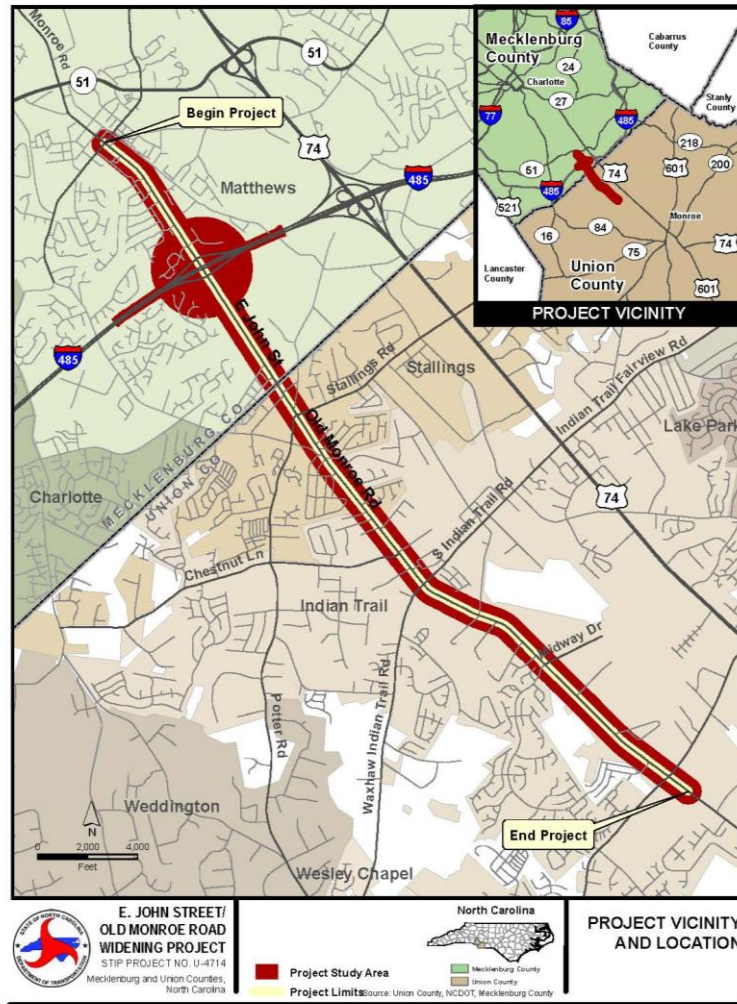
July 31, 2017

# Purpose of this Meeting

- Review design revisions (Section A through Matthews)
- Listen to issues and concerns
- Address concerns as the project advances into final design
- Provide an update on the project
- Meeting Format:
  - 6:00-6:30 – Open House
  - 6:30-7:30 – Presentation followed by Q&A
  - 7:30-8:00 – Open House

You may submit comments tonight on the forms provided or submit comments by mail or email by **August 15<sup>th</sup>**

# Project Location and Purpose



## STIP Project No. U-4714

- Project traverses Matthews, Stallings, and Indian Trail
- Purpose is to improve pedestrian and bicycle accommodations along corridor, reduce congestion and improve traffic safety
- 6.5 mile widening
- Estimated cost \$87.5 million



# Project History

The project is needed because congestion is getting worse, the roadway exceeds capacity, turning vehicles block traffic flow, and sidewalks lack connectivity.

- Extensive public involvement and collaboration with local officials over a 4 year period
- Various alternatives examined
- Public input considered at each stage of the planning process
- Environmental Assessment (EA) was prepared to evaluate the environmental effects of the project
  - *EA approved by NCDOT and FHWA in July of 2016*
- A Public Hearing on the preliminary design and EA was held October 11, 2016





# Comments on the Environmental Assessment

- Approximately 100 comments were received
  - Majority favor roadway widening
  - Concerns about the Superstreet design
- Officials from the Town of Matthews also expressed concern over preliminary design and its impacts to the community character



# Since the Public Hearing

## DESIGN CHANGES WEST OF I-485

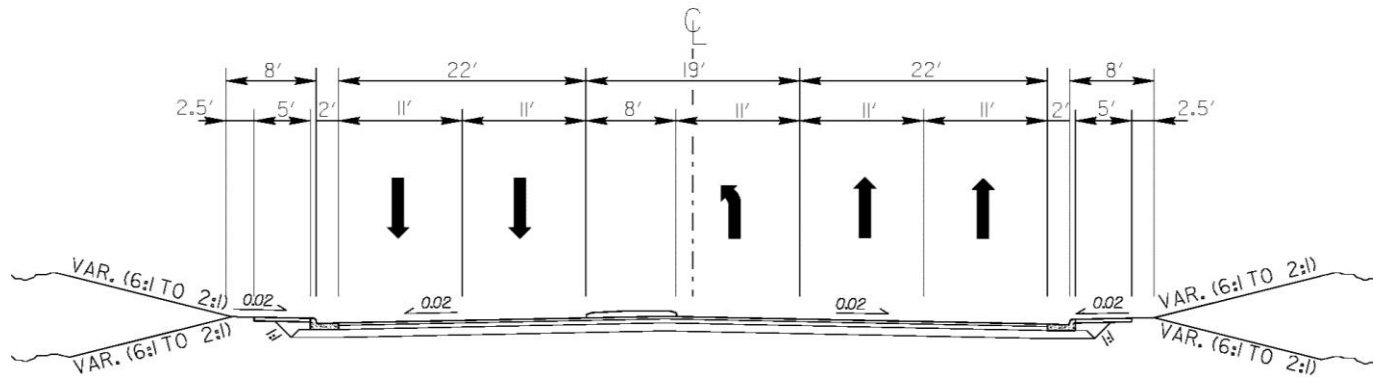
- Reduced median width
- Reduced travel lane width
- Centered widening
- Removed planting strip on south side
- Removed three (3) U-turn bulbs (loons)
- Added two (2) full movement traffic signals
- Added U-turn/left turn near BB&T
- Added left turn into Park Square Place
- Removed U-turn at Trade St./John St.



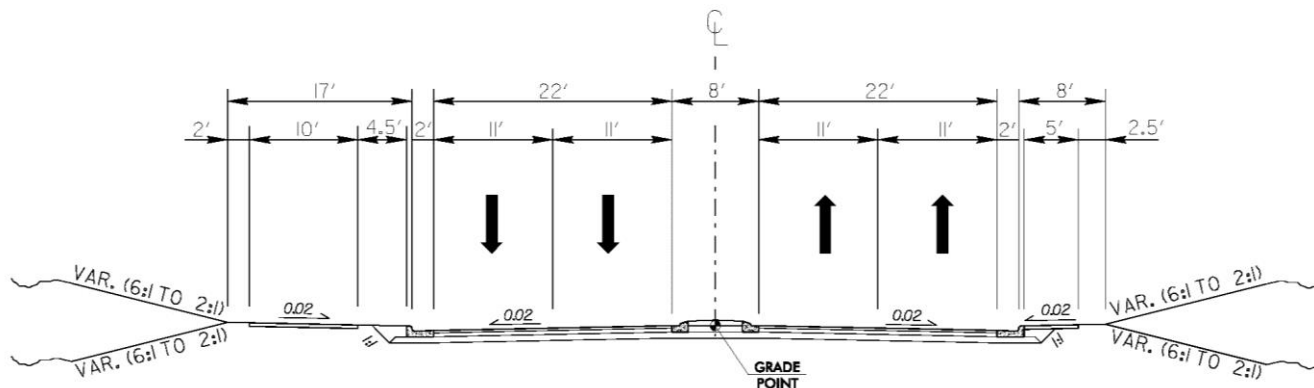
# Since the Public Hearing

- Design changes and narrower cross section reduce impacts to properties, homes, and businesses
- Full movement intersections designed with full pedestrian accommodations including crosswalks, curb ramps, and truncated dome/color landing pads
- Reduced pedestrian crossing distance
- Maintained sufficient pedestrian refuge in median
- Multi-use path beginning at Cotton Gin Alley on the north side
- The Town of Matthews and NCDOT will work with Charlotte Mecklenburg Schools (CMS) to find acceptable bus routes

# Typical Sections



TYPICAL SECTION  
E. JOHN ST AT TRADE ST

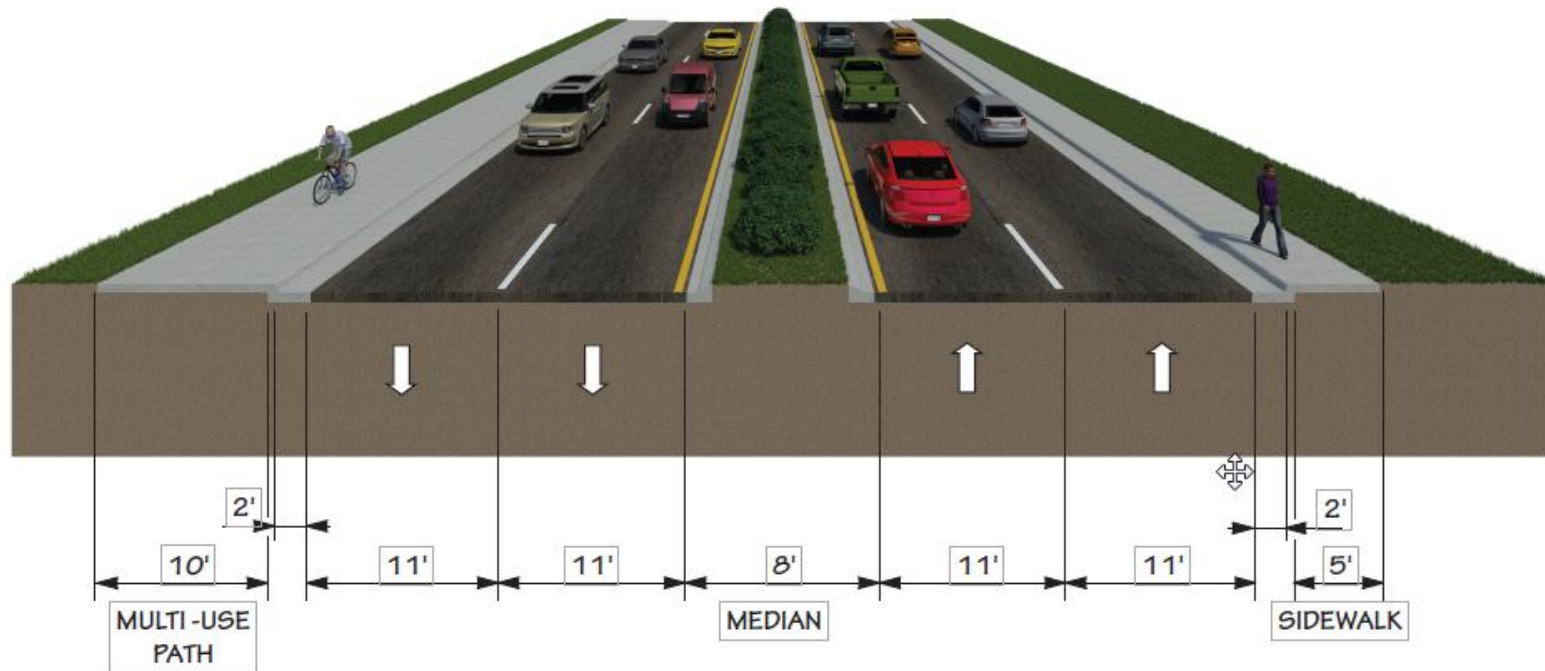


TYPICAL SECTION WITH SYMMETRICAL WIDENING  
4- LANE SECTION w/ 8' MEDIAN





East John Street and  
Old Monroe Widening  
Artist Concept - May not reflect final Design



**TYPICAL SECTION - PROPOSED CONDITION**

# Freemont St. to Park Square Place

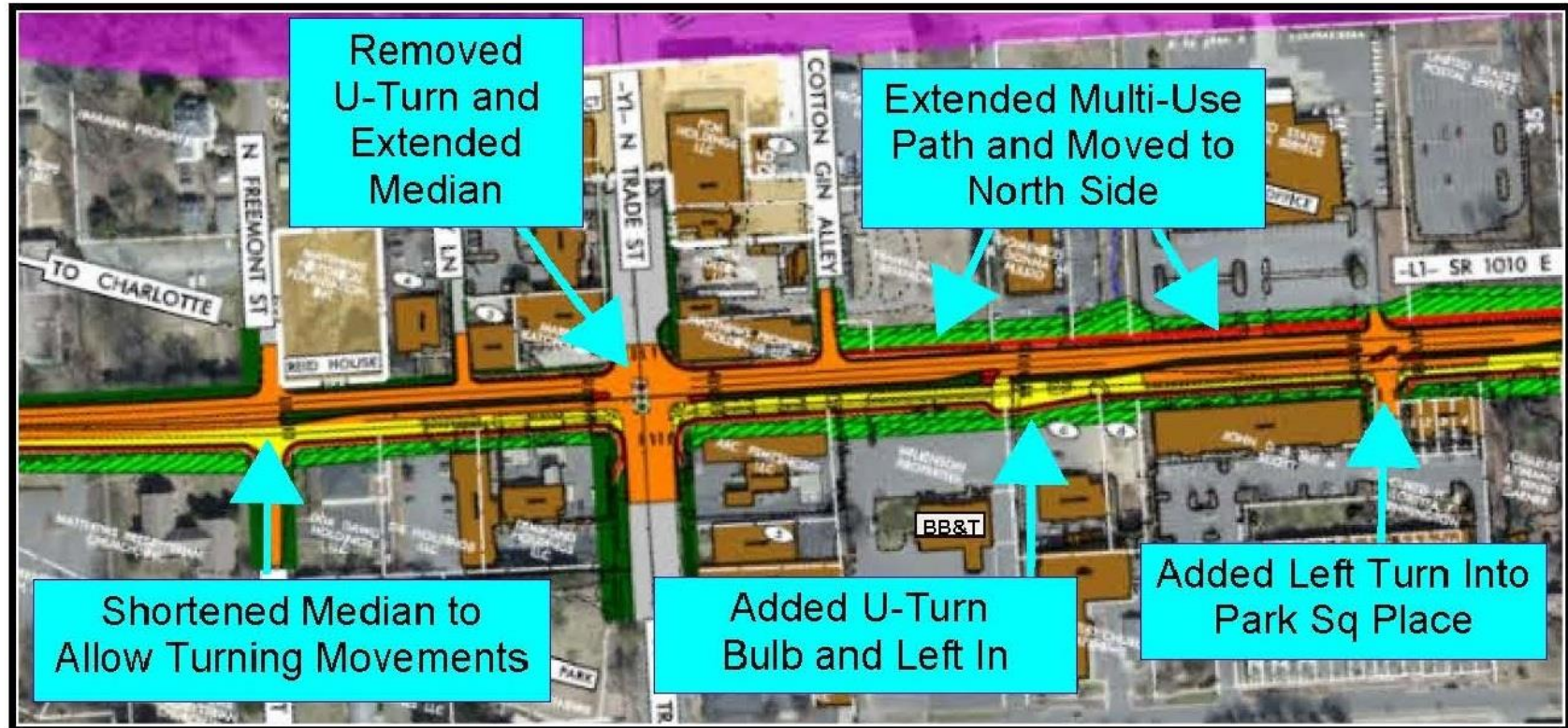
PRELIMINARY DESIGN





# Freemont St. to Park Square Place

REVISED DESIGN



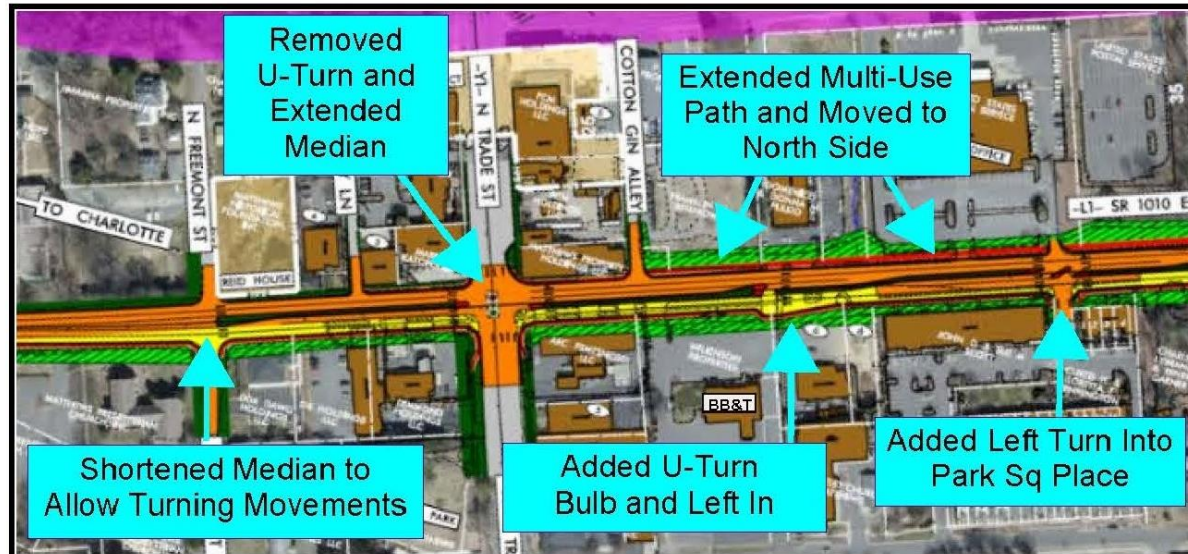


## Freemont Street to Park Square Place

PRELIMINARY DESIGN

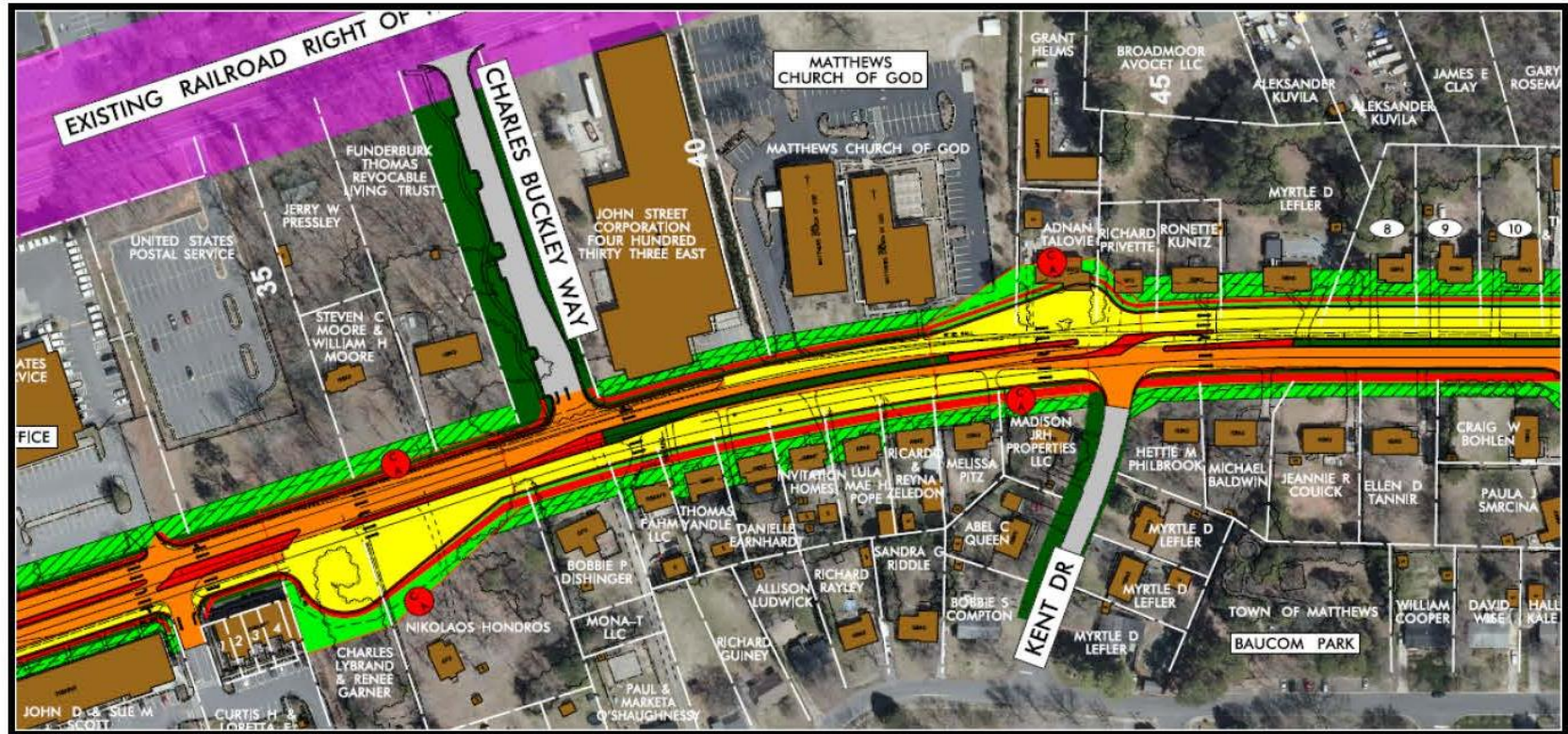


REVISED DESIGN





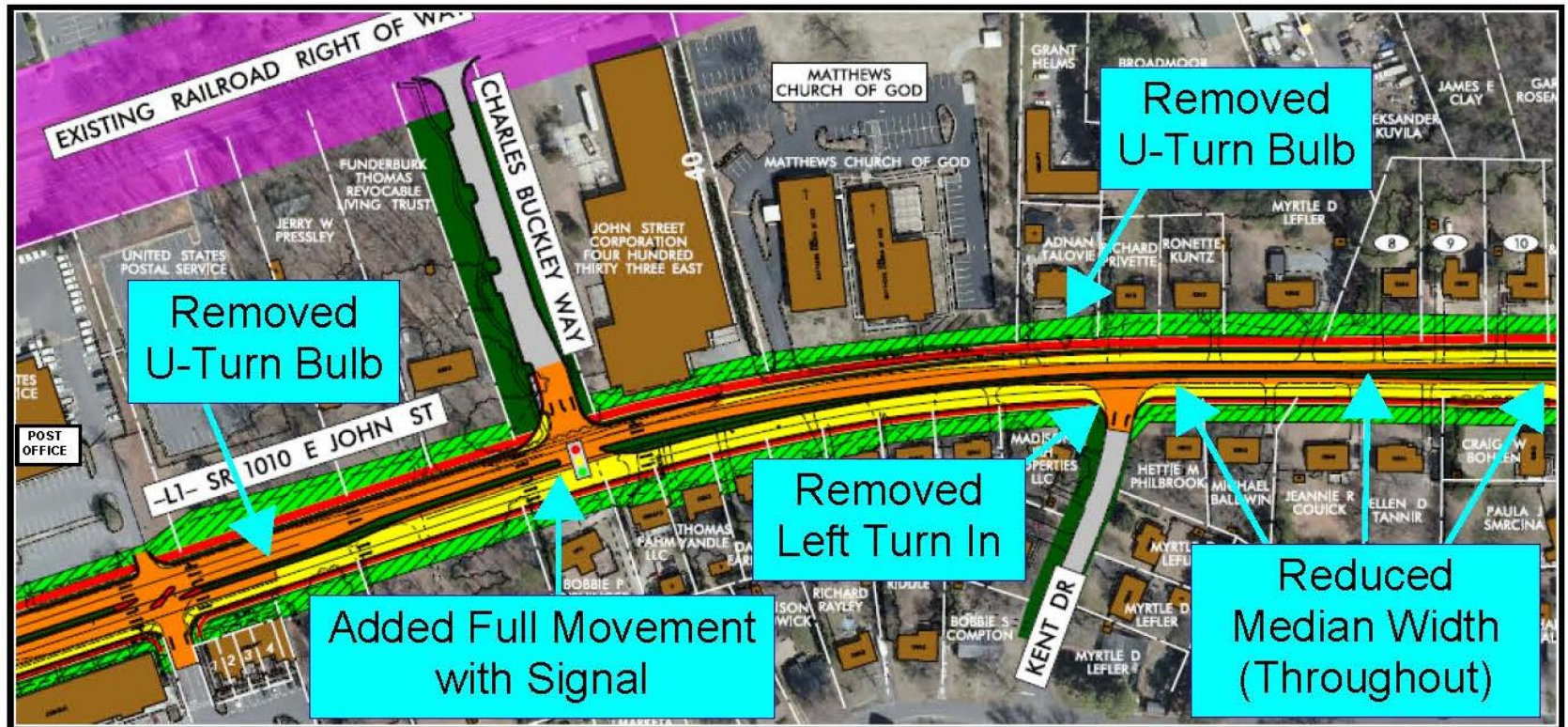
# PRELIMINARY DESIGN





# Charles Buckley Way to Kent Drive

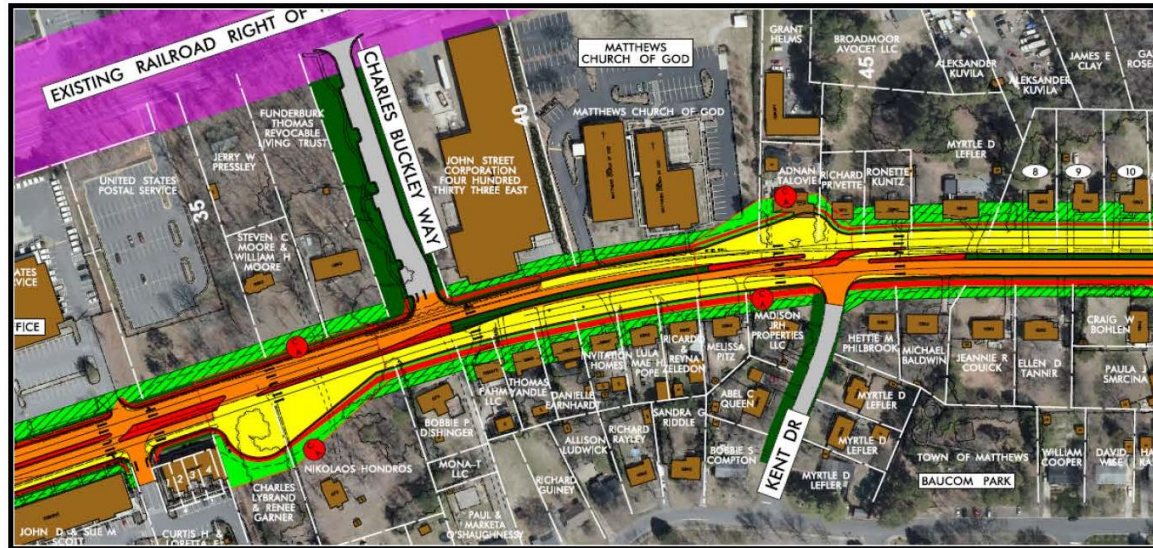
REVISED DESIGN



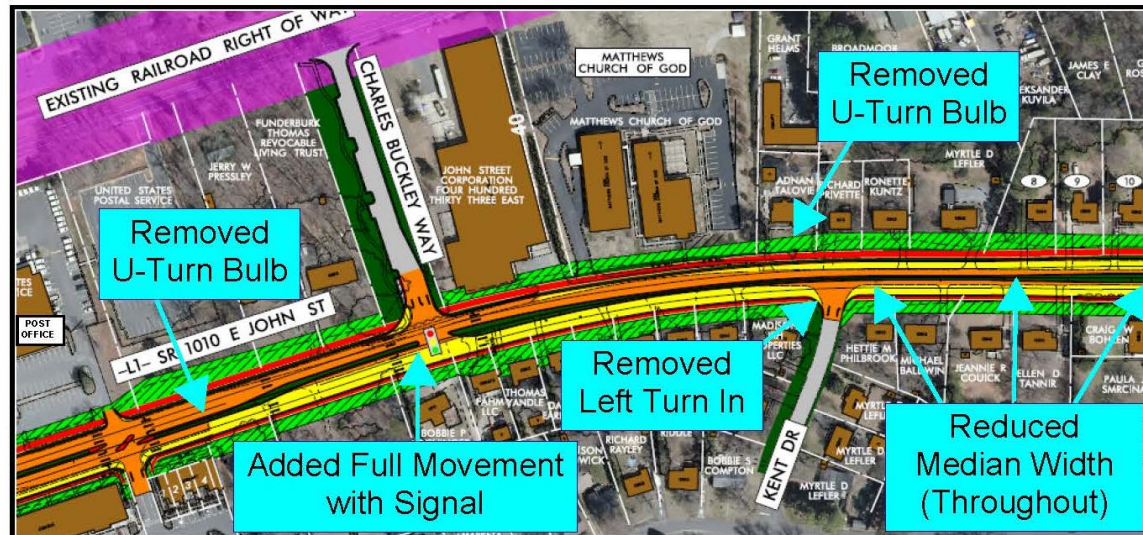


## Charles Buckley Way to Kent Drive

PRELIMINARY DESIGN



REVISED DESIGN





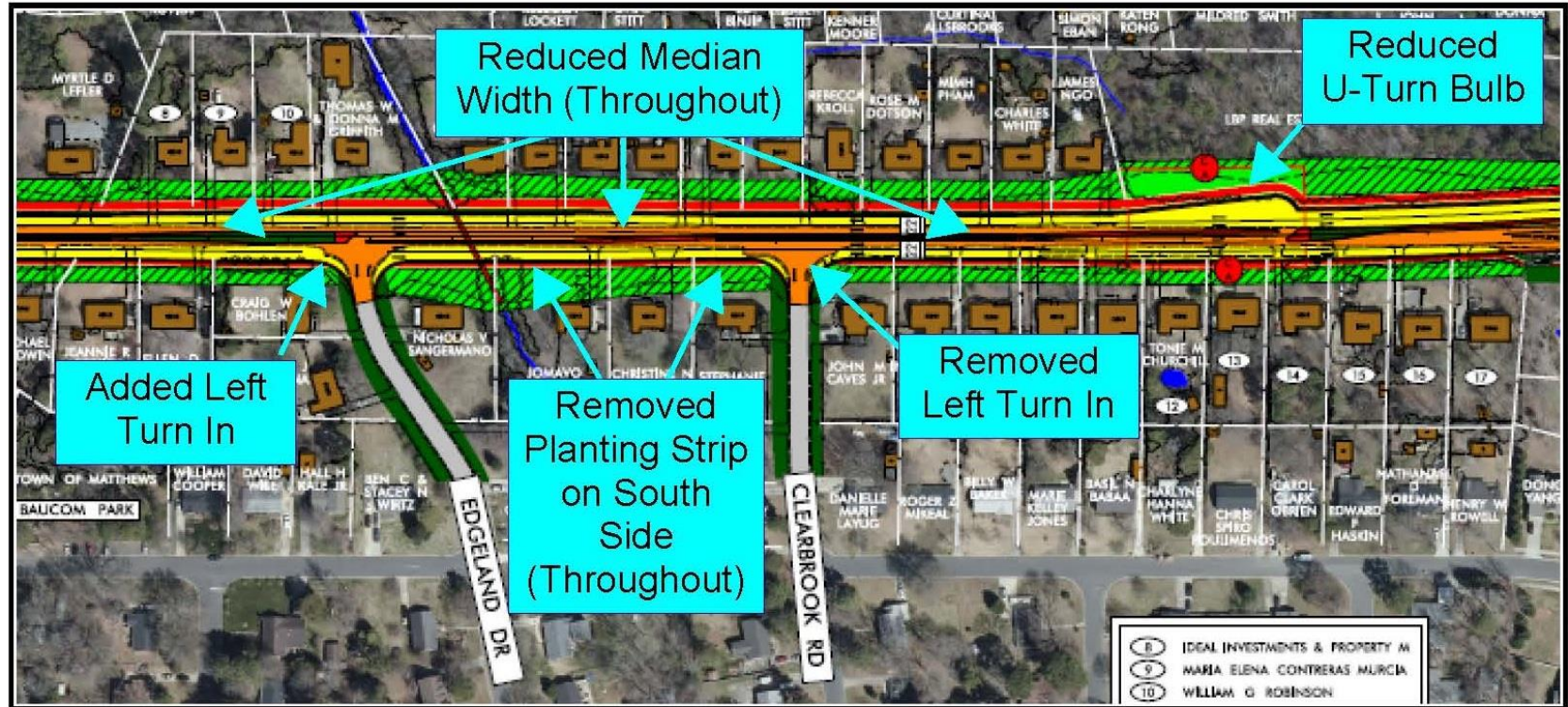
# PRELIMINARY DESIGN





# Edgeland Drive to Clearbrook Road

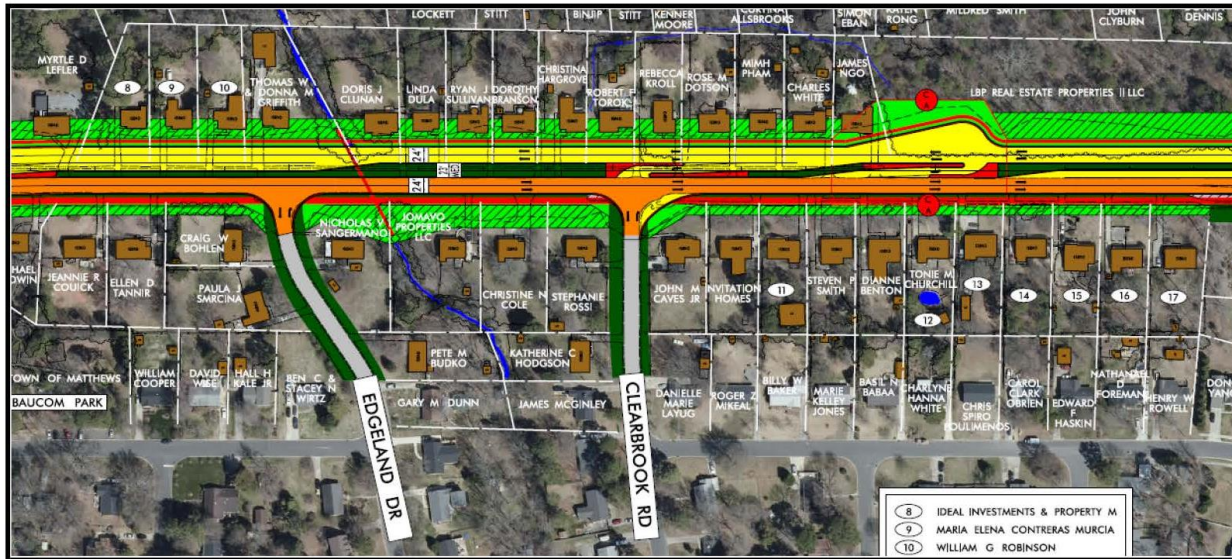
REVISED DESIGN





## Edgeland Drive to Clearbrook Road

PRELIMINARY DESIGN



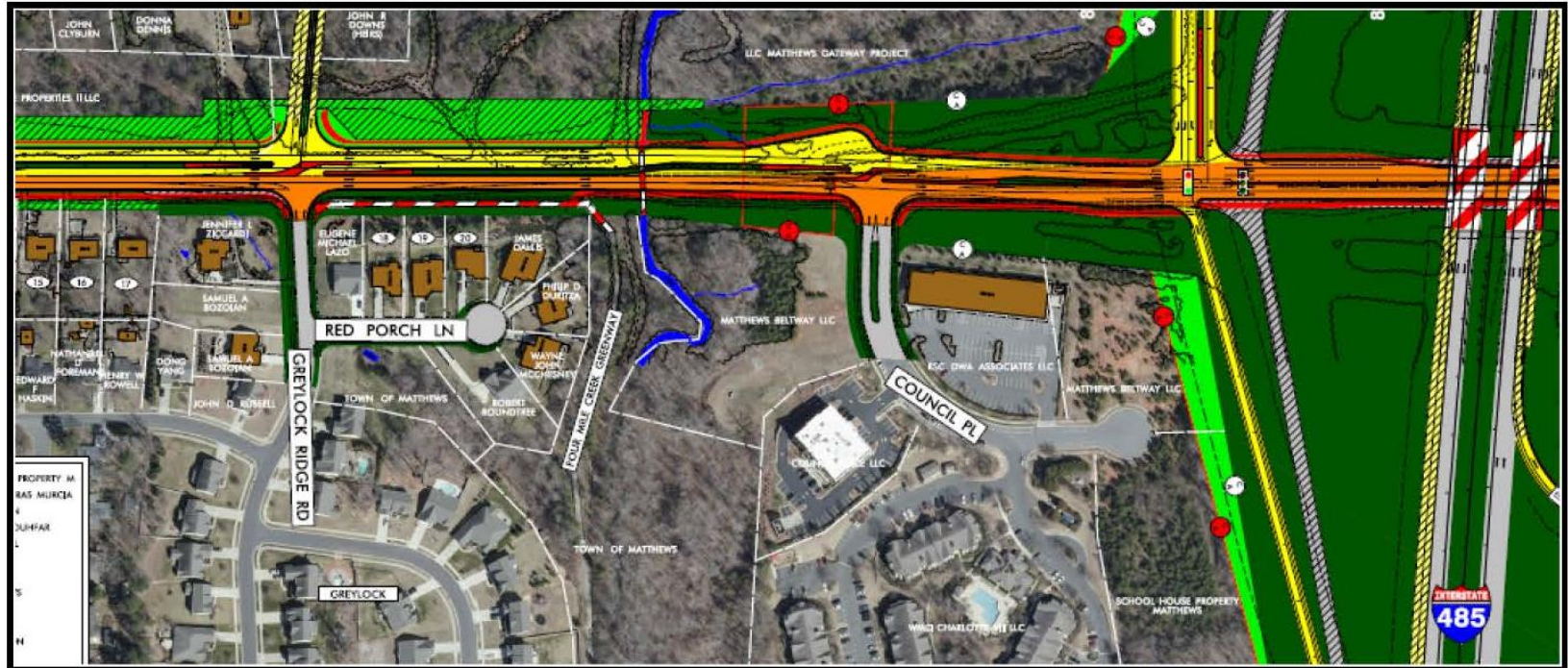
REVISED DESIGN





# Greylock Ridge Road to I-485

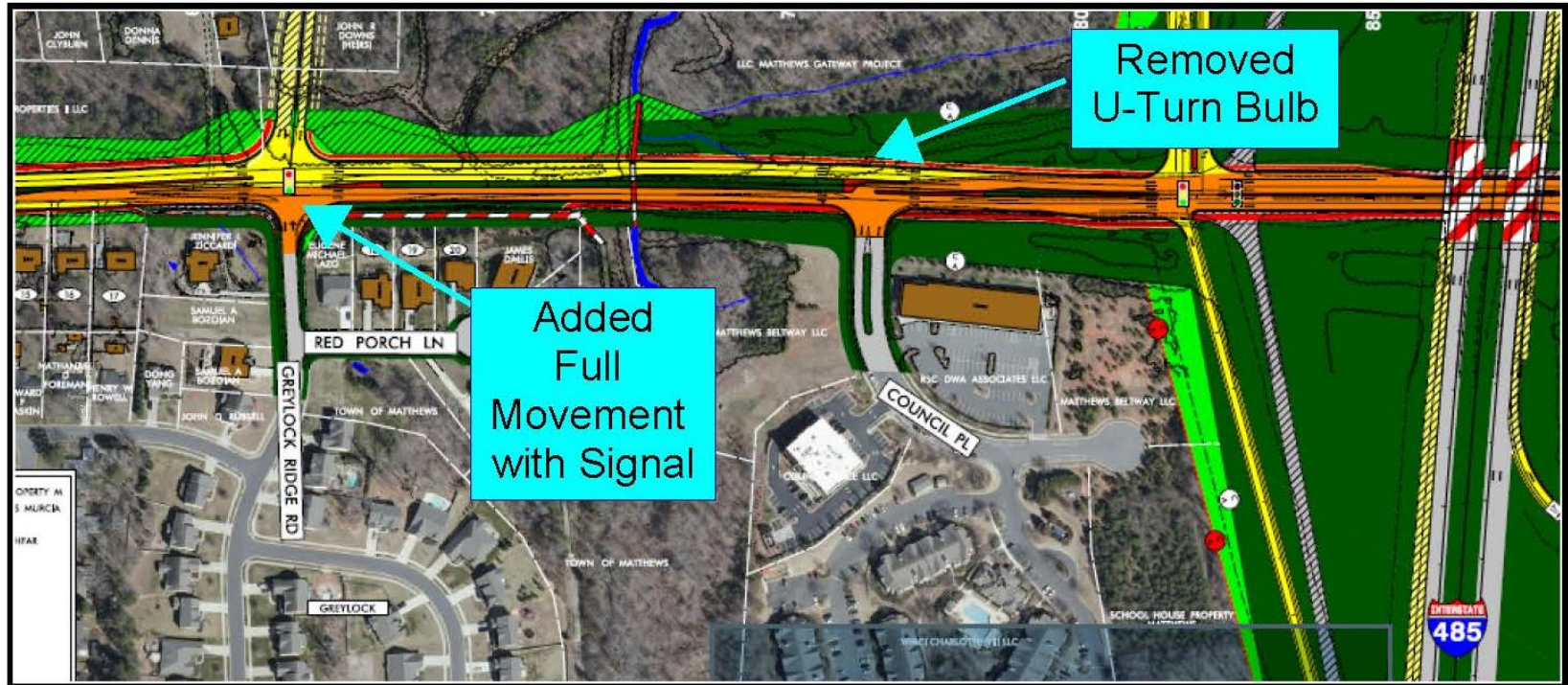
PRELIMINARY DESIGN





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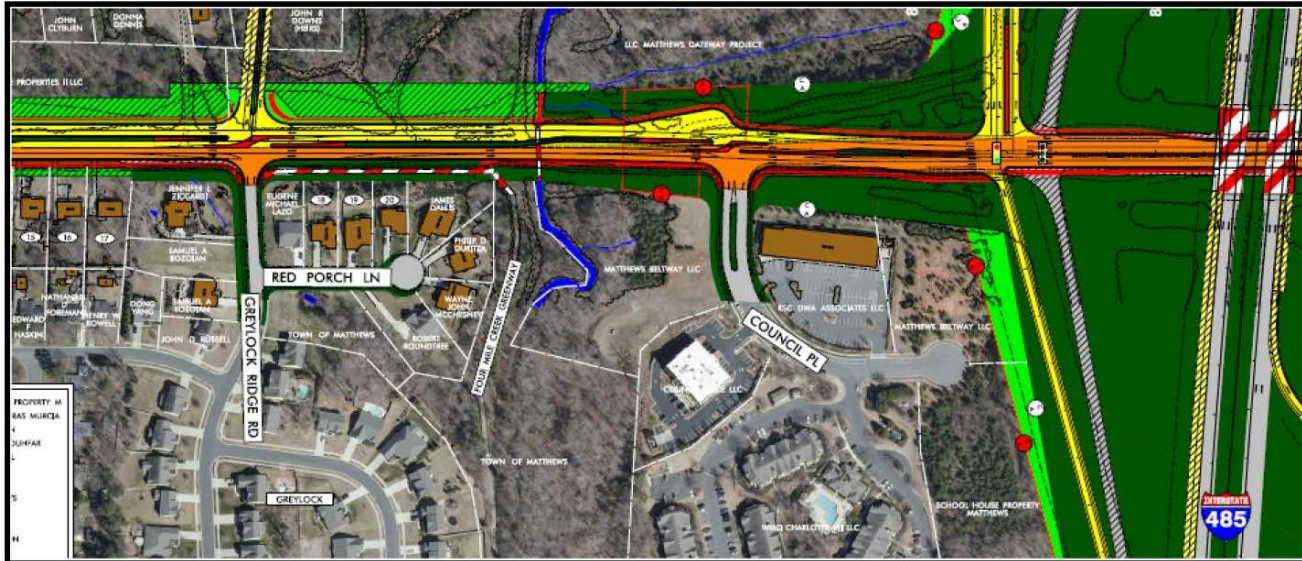
REVISED DESIGN



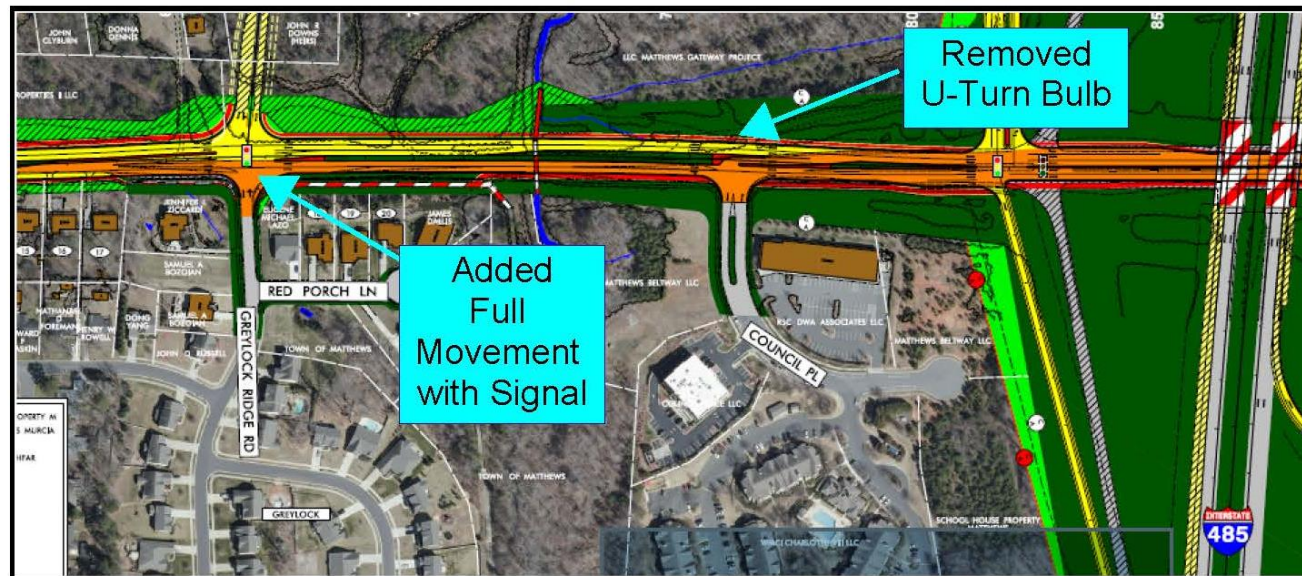


## Greylock Ridge Road to I-485

PRELIMINARY DESIGN



REVISED DESIGN



# Next Steps

- Evaluate comments from this meeting
- Publish final environmental document (Fall/Winter 2017)
- Final design and permits (2017-2019)
- Right of Way acquisition/Utility relocations (2019-2021)
- Construction of all sections (2021-2023)

# Public Comments

## **Comment form provided at sign-in**

Drop comments in box before you leave tonight

OR

Submit to Elmo Vance, NCDOT Project Engineer or Robert Boot, NCDOT  
Consultant Project Manager

(mailing address, email and phone number are provided on the form)

**Comments accepted until August 15, 2017**



**Comment  
Box**



**Mail**



**E-mail**

# Questions & Answers

Information including the project maps are available on project website

[www.ncdot.gov/projects/EastJohnOldMonroe](http://www.ncdot.gov/projects/EastJohnOldMonroe)